

107 D.C.

no 10 South 7th St. Paper M. 9th 1828

An ~~to~~ ~~the~~

Inaugural Essay

On

Mercury

For

The degree of Doctor of Medicine

In

The University of Pennsylvania

By

Stephen Bailey

Of

Georgia

Philadelphia

January, the 10 1828

Among the numerous remedies of the Materia Medica at this period, there are none that possess more active, and consequently more dangerous powers than the mercurial medicines. In the mildest and simplest preparations, this metal it is well known exerts an extensive influence over the whole system. Equally true is it that many of them are so deleterious that they cannot be administered even in small doses, without speedily destroying the life of the individual.

For some length of time after the introduction of it, as an article of the Materia Medica, it was only resorted to, as a remedy on the most urgent occasions. But this precaution, is now almost entirely abandoned, and there exist but little doubt, that it is exhibited by many respectable practitioners of this as well as other countries, with probably too little hesitation. This indiscriminate employment of an active remedy as this it has been the labour of some few writers to denounce, and to their writings we are much indebted for having pointed out

out many of the dangerous effects that have and may of course again result from a too liberal and unguarded use of them. They have shown conclusively that the mercurial medicines, have not only been wantonly abused, but that they have often aggravated the existing disease and been productive of new ones.

As a medicine there is scarcely an indication that it may not by a proper management supply, but from the peculiarities of its properties and modes of its operation, writers have not been able for the want of this knowledge, to assign to it a proper place among the remedial agencies nor have they been able, to agree upon such general principles for its administration as to enable even the most experienced practitioner to use without sometimes abusing it.

I must here acknowledge that I do not intend to attempt deducing such general principles as will illustrate its operation neither will it I hope be

be expected of me, a mere tyro in the science of
medicine, when it has so often been unsuccessfully attempted
by the ablest of the medical profession, neither I fear
shall I be able for the want of time to interminutely into
the consideration of the subject, as it justly merits. It
would not only extend this essay far beyond the
limits that is usually assigned to an inaugural ^{3rd} dis-
sertation, but it would require a fund of information to
which I can offer no pretensions.

When the effects of mercury
upon the human body are accurately investigated &
duly considered, it cannot fail to point out to us that
infinite danger must have happened from its use
in many instances, and that it has been too much
relied on in the treatment of many diseases, which
affects the human race. From the danger that always
exists in the administration of the mercurial medicine
in any form or preparation a safe substitute for so
violent a remedy ought to be found, when from the
nature

nature of the case, they are not absolutely called for. It is not intended by these remarks to allege that there are no cases whatever in which none of the mercurials ought to be employed, but it is contended that there are strong objections to their use in the treatment of many and especially febrile diseases, not only because they are incompatible with the indications that they are intended to fulfill, but that they are in many instances attended with imminent danger. It is the object of this essay to enumerate the effects that are produced from their use, and to enquire under what circumstances they may be relied on in the treatment of febrile diseases. In doing so I shall take the liberty of availing myself of the recorded facts and observations of others to illustrate those observations. In detailing the effects that are produced upon the human system by the preparations of mercury either internally exhibited or externally applied, it may be necessary for me to remark, in this

Handwritten text in a cursive script, likely a historical document or letter. The text is written on aged, yellowed paper and is arranged in approximately 15 lines. The script is dense and characteristic of 17th or 18th-century handwriting. The text is mostly illegible due to fading and the cursive nature of the script.

24
3
this place, that whether they may operate on the general system through the medium of the blood or communicated through the medium of the nervous system, they very seldom fail when given in sufficient quantities to produce any distressing consequences.

The effects of mercury on the general system. It at first increases the action of the heart and arteries the pulse becomes quick, tense and occasionally full, this state is soon followed by tenderness of the gums, accompanied with a peculiar metallic taste of the mouth and a foetor of the breath and of the perspiration, carried to a greater extent, the tongue, gums and salivary glands, become swelled, and the teeth painful and loose. This state continuing for some time, is succeeded by an abundant flow of saliva, and not unfrequently a copious discharge from the liver, pancreas, kidneys, &c. Small ulcerations make their appearance on the tongue, gums and roof of the mouth, the appetite fails occasionally pains

are

are felt in the stomach and bowels the countenance acquires a peculiar appearance, indicative of a distressful morbid irritability of the system, and much debility and emaciation takes place.

The effects of the mercurial medicines upon the general system which have been enumerated appear upon a minute examination to be attended with the most obvious circumstances that attend on febrile and inflammatory disorders. Thus, the increased action of the heart and arteries throughout every part of the body, which is attended with an augmentation of animal heat, does not differ from what usually occurs in these diseases. But in febrile affections, there is not any apparent change upon the sensible qualities of the blood, neither is there any unusual flow of the ordinary secretions. In inflammatory disorders there is a material alteration in the blood and not infrequently there is either some one of the secretions inordinately increased or there is a topical congestion, more frequently the last condition prevails while the reverse happens

Now

Handwritten text in a cursive script, likely a historical document or manuscript. The text is written in a single column on the right page of an open book. The script is dense and flowing, characteristic of early modern handwriting. The paper is aged and slightly discolored, with some visible wear and tear along the edges. The text appears to be a continuous narrative or a series of entries, possibly related to a historical event or a personal account. The handwriting is consistent throughout the page, suggesting a single scribe. The overall appearance is that of a well-preserved but clearly old manuscript.

where the increased action of the heart and arteries is occasioned
by the use of mercury, another difference between the action
produced by mercury and that of inflammatory disorders is,
that the impressions made on the muscular system by inflam-
matory diseases are not so depressing as those which are pro-
duced by mercury, for every practitioner knows that the
muscular strength in individuals labouring under a pleu-
ritic inflammation, will, in many instances, continue
unimpaired till even the termination of the complaint;
where as from the time that the influence of mercury
becomes evident, the general strength begins to decline
rapidly.

It appears therefore that the mercurials do not
only produce the same injurious changes upon the system
with those arising from an inflammation of another
kind, but also certain effects peculiar to its self, mercury
say Dr Carmichael produces a fever differing from all others,
which is attended with an increase of the various secretions.
If then the inordinate action of the heart and arteries
in consequence

Handwritten text in a cursive script, likely a historical document or manuscript. The text is written in a single column on a page with horizontal ruling lines. The ink is dark, and the paper appears aged and slightly discolored. The handwriting is dense and consistent throughout the page.

in consequence of the use of mercury be attended with an
altered state of the blood and debility, and at the same
time accompanied with an increase of the various secretions,
this too without having any tendency to allay the inordinate
action of the heart and arteries it must inevitably under-
mine with rapidity the constitution, and should there at
the time exist any ulcerations on the body, they must certainly
be changed into malignant sores. These effects of mercury
from prejudice and inaccurate observations have led
Physicians to attribute them to other causes. But experience
has proved such conclusions to be absurd. Thus the inju-
rious effects of mercury in syphilitic cases were attri-
buted to the joint effects of the mercury and the venereal
poison. At other times to the mercury calling into action
other diseases, as scrofula, scurvy, cancer &c. or to the alter-
ation, to which the appellation of phagedæna was given.
These were the unfounded opinions of writers, till the
publication of a work by Malhias on the mercurial
diseases, in which he has shown conclusively, that there
are

are certain changes produced upon the ulcerations
originally syphilitic and also certain derangements
of health where even the mercurial medicines
have been administered either in too acrid a form or in
too large quantities.

In consequence of mercury affecting
the nervous system, it has produced a train of symptoms
that are far from being salutary, being attended
with distress and danger, and permanent injury to
the constitution. These of course occurring in different
degrees in different subjects, temporary delirium is in-
duced in some, in others, palsy and epilepsy take place,
and others have their memory and judgment more or
less impaired, in some instances even death has been
the consequence. Among the anomalous complaints
that are produced from the use of mercury, by its
action being developed on the nervous system, may be
enumerated an impaired or capricious appetite with
all the ordinary symptoms of indigestion generally.

retchings and flatulence in the morning, with a
disturbed sleep, the vision impaired and frequent pains
in different parts of the body. &c. In many instances
when given in sufficient quantities it produces other
deviations from the alth, and of these the most common
is an excessive diarrhoea, often accompanied with a
discharge of blood from the bowels, and is apt to occur even
where the mercury has been rubbed on the surface. Experience
has proved that in patients labouring under scrofulous
affections or ulcerations of the soft parts and caries of
the bones which may be owing to an ill condition of the
system, these diseases are much accelerated in their
progress by the use of mercury. Another consequence
of this medicine is, that it produces a violent affection
of the skin, which has been styled under various names
by different writers as the erythema mercuriale, exzema
mercuriale, hydragryria &c. This eruption of the skin is
usually preceded by heat and itchings, frequent pulse,
a white tongue, gradually becoming deeper, the erup-
tions

24
tions proceeding by degrees over the whole body with im-
paction of the skin and great tenderness, heat &
stinging &c.

To these many other effects equally as disturbing
might be added, but those that have been named are suf-
ficient to point out the danger that always exists in
too freely administration of the mercurial medicines. But
notwithstanding all the hazards that may result
from an indiscriminate use of mercury, there can be
no doubt whatever, but that under certain restrictions,
it is a medicine that is deserving of high claims to
the confidence of the medical profession, but it cannot
be admitted, as some have contended for, that it is
a medicine of value during all the stages of febrile
disease, even in the commencement or before the fever
is formed. This method of treatment is founded on
the principle suggested by the celebrated Hunter, that
two different diseases can not exist in the body at one
and the same time, without they exist in totally different
structures.

structures. This fact is too well established to be denied,
with this view then, the mercurials are to excite a diseased
action in the system that is less dangerous than the
primary one though acting with sufficient power
to supersede it. That such is the effects of mercury
is unanimsly admitted, in some instances. But
if it were practicable to excite the mercurial action
suddenly, is it not well known by all, that it does
not, in many instances, subdue the fever and that
the effects of the medicine have been such as to prove
fatal) and yet it is contended by many that the
only weighty objection to this plan of treatment, is
the occasional occurrence of salivation, and should this
be the consequence notwithstanding the temporary
inconvenience to the patient, it would be a matter of
little moment in comparison with the protracted suf-
fering and danger which are always infallibly
produced.

Though we are told by those who advocate
the

Handwritten text in a cursive script, likely a letter or a page from a manuscript. The text is written in brown ink on aged, yellowed paper. The script is dense and flowing, characteristic of 17th or 18th-century handwriting. The page is numbered '11' in the bottom right corner.

the use of mercury in fevers, and place their whole reliance on it in their treatment, that it is a sovereign remedy, when it excites ptyalism, it is to be neglected, that this is by no means an infallible effect, as cases are numerous enough to the contrary on records. It appears now says an author to be a point, that is unsettled, whether there have been more lives prolonged by the effects of a timely ptyalism, than have been lost by the unsuccessful endeavours, to mercurialize the system, and thereby excluding other measures that might have proved successful. To estimate this practice correctly and to judge its just merits, & the extent to which it is to be relied on, by the Physician, it may be necessary to enquire into all the various states of the system, that have been found mostly to resist its action, and how far artificial means may be required to render them susceptible to its action, When the mercurial medicines have failed to excite in the system their peculiar action, or even

When

[The page contains faint, illegible handwriting, likely bleed-through from the reverse side.]

when it so happens, that persons are met with undecap-
 tible to the action of the medicine, so to make it extremely
 difficult and in some instances even impossible to
 excite a salivary effect, unless measures be resorted to
 capable of removing such resistances to its operation. These
 states of the system have been a very full, or a very full and
 phlogistic habit of body, and especially, when there existeth
 at the time, much of local action. In the former condition
 of the system opium, wine and the bark, are found to
 be of an indispensable utility, and in the latter, where-
 ever it was characterised by a high degree of arterial
 excitement the mercurial action has never been known
 to be readily excited unless preceded by copious depletion.
 There is still an other state of the system, which is said
 either to be connected with plethora morbiditas, but
 in which, notwithstanding there exists a powerful resis-
 tance to the operation of the same, and in which neither
 bleedings or opiates are of the least avail. Under
 such circumstances, it will require the most powerful
 and

and prompt measures, such as purging & vomiting &c.
to awakening the susceptibility of the system to the
influence of the sun ray. It is remarked by a respec-
tible writer Dr Paris, that he has always found in
his practice the system in a strong and healthy con-
dition, to offer a resistance to the operation of mercury,
which is overcome the moment the system becomes
deranged the circulation languid, or the general
tone of the system impaired. He attempts to explain
these effects of nausea and other causes, which
may tend to derange the digestive organs, by
suggesting, that they influence the action of
mercury, by weakening the powers which nature
in a healthy state may possess in overcoming the
resistance, to the admission of poisonous substances
into the circulation. This explanation, is, totally
hypothetical, and it will only be necessary for
me to state to the contrary, that it is now perfectly
ascertained, that a state of health is in gen-
eral

[Faint, mirrored handwriting, likely bleed-through from the reverse side of the page.]

eral the most favourable condition of the system for the mercurial action to be excited, and consequently every deviation from this state, must offer, in proportion a resistance to its operation.

If then it be true, that the mercurial action cannot be readily excited where there exists much morbid excitement, either of a feeble and exhausted condition or of a very full and phlogistic state of body, it must appear very evidently that too little stress has been laid upon the importance of avoiding the use of the mercurial medicines, under such circumstances, till a course of preparatory means be instituted, so as to favour its operation. The daily use of mercury in the cure of syphilis, seems to exemplify satisfactorily the practicality of its action and to point out to us, what condition of the system is most favourable to their constitutional affections. If it be administered without paying due regard, to the precautions recommended by authors, how often do we observe it to be

administered

[illegible]

administered for days and even weeks, in patients of
a plethoric habit, without affecting the constitution,
or without benefiting in the slightest degree, the
disease. When finally it takes possession of the system,
its ravages upon the constitution will be vastly more
to be dreaded, than those it was designed to alluviate.

Then if the importance of regulating the action of
the heart and arteries be conclusively shown, in order that
the mercurial action may be more readily and safely
excited in this disease, may it not be regarded as a
clear proof that it should always be done in the
high arterial excitement that accompanies the vari-
ous febrile diseases.

From the foregoing observations, it will
be perceived, that the febrile diseases have been repre-
sented, as accompanied with a morbid condition
of the arterial system and the action of the remedy &
that of the disease, to be incompatible with each
other and notwithstanding the authority in favour

the first of these is the fact that the
the second is the fact that the
the third is the fact that the
the fourth is the fact that the
the fifth is the fact that the
the sixth is the fact that the
the seventh is the fact that the
the eighth is the fact that the
the ninth is the fact that the
the tenth is the fact that the
the eleventh is the fact that the
the twelfth is the fact that the
the thirteenth is the fact that the
the fourteenth is the fact that the
the fifteenth is the fact that the
the sixteenth is the fact that the
the seventeenth is the fact that the
the eighteenth is the fact that the
the nineteenth is the fact that the
the twentieth is the fact that the
the twenty-first is the fact that the
the twenty-second is the fact that the
the twenty-third is the fact that the
the twenty-fourth is the fact that the
the twenty-fifth is the fact that the
the twenty-sixth is the fact that the
the twenty-seventh is the fact that the
the twenty-eighth is the fact that the
the twenty-ninth is the fact that the
the thirtieth is the fact that the
the thirty-first is the fact that the
the thirty-second is the fact that the
the thirty-third is the fact that the
the thirty-fourth is the fact that the
the thirty-fifth is the fact that the
the thirty-sixth is the fact that the
the thirty-seventh is the fact that the
the thirty-eighth is the fact that the
the thirty-ninth is the fact that the
the fortieth is the fact that the
the forty-first is the fact that the
the forty-second is the fact that the
the forty-third is the fact that the
the forty-fourth is the fact that the
the forty-fifth is the fact that the
the forty-sixth is the fact that the
the forty-seventh is the fact that the
the forty-eighth is the fact that the
the forty-ninth is the fact that the
the fiftieth is the fact that the
the fifty-first is the fact that the
the fifty-second is the fact that the
the fifty-third is the fact that the
the fifty-fourth is the fact that the
the fifty-fifth is the fact that the
the fifty-sixth is the fact that the
the fifty-seventh is the fact that the
the fifty-eighth is the fact that the
the fifty-ninth is the fact that the
the sixtieth is the fact that the
the sixty-first is the fact that the
the sixty-second is the fact that the
the sixty-third is the fact that the
the sixty-fourth is the fact that the
the sixty-fifth is the fact that the
the sixty-sixth is the fact that the
the sixty-seventh is the fact that the
the sixty-eighth is the fact that the
the sixty-ninth is the fact that the
the seventieth is the fact that the
the seventy-first is the fact that the
the seventy-second is the fact that the
the seventy-third is the fact that the
the seventy-fourth is the fact that the
the seventy-fifth is the fact that the
the seventy-sixth is the fact that the
the seventy-seventh is the fact that the
the seventy-eighth is the fact that the
the seventy-ninth is the fact that the
the eightieth is the fact that the
the eighty-first is the fact that the
the eighty-second is the fact that the
the eighty-third is the fact that the
the eighty-fourth is the fact that the
the eighty-fifth is the fact that the
the eighty-sixth is the fact that the
the eighty-seventh is the fact that the
the eighty-eighth is the fact that the
the eighty-ninth is the fact that the
the ninetieth is the fact that the
the ninety-first is the fact that the
the ninety-second is the fact that the
the ninety-third is the fact that the
the ninety-fourth is the fact that the
the ninety-fifth is the fact that the
the ninety-sixth is the fact that the
the ninety-seventh is the fact that the
the ninety-eighth is the fact that the
the ninety-ninth is the fact that the
the hundredth is the fact that the

of the practice, the operation of mercury must not only
be in compliance with the indications which
it is given to fulfil, but even eminently dangerous.
For from the uncertainty, there is, when and to what
extent, its action will be produced, when once the system
is once derived susceptible to its influence. The practice
of prescribing the mercurial medicines in the forming
stages of most fevers, may at present be said to be, at
least a very common, if not a universal one, in this
as well as other countries, and particularly with the
physicians of the southern parts of the United States,
but their success in exciting the salivary effects of the
remedy, must in a great many instances be dependant
on the administration of the medicine in those forms,
which if they were perfectly formed, in character or
type, would have yielded to a practice much less
hazardous and more expeditious. For there are
but few physicians who are not well aware of
the fact, that if they are not called on for medical
aid

[The page contains faint, illegible handwriting, likely bleed-through from the reverse side.]

and, previous to the third or fourth day, after the
 fever has been well marked, that there is no certainty
 of success, in procuring the salutary effects of the
 medicine and that it is liable, when it has any
 influence instead of diminishing, to coincide with
 the existing morbid action and thus aggravate the
 very symptoms which it was intended to counteract.

Condemning the mercurial medicines in febrile diseases,
 during the violence of their inflammatory stages,
 while there exists a high degree of arterial excitement,
 yet it must unquestionably be admitted, that there
 are some stages of febrile diseases in the treatment
 of which, the indication of the mercurial medicines,
 are not only called for, but during which the con-
 stitutional effects of it may be readily excited.
 It is remarked by Dr Lachson, that where the
 disease is of the inter-mittent or remittent type,
 the intermission or remission distinct, the skin
 soft, thin warm and perspirable, the pulse free

and

[The page contains faint, illegible handwriting, likely bleed-through from the reverse side.]

and expansible, in short where the symptoms are of a secondary degree of violence, the salivary glands are for the most part soon affected by mercury, whether given internally or applied externally by frictions, and that when the salivary glands are affected, and a free and copious salivation is established, the disease ordinarily abates in force, even sometimes ceases altogether. The rule is a general one, but not absolute. Instances occur, and not unfrequently, where the paragon returns after salivation is fully established, even some are recorded where death has not been averted, though the reputed signal of safety was present.

2th When fever is, of the continued kind whether endemic, epidemic or contagious, the symptoms violent, the heat around the skin compacted, dry and torpid, as connected with excessive excitement and precipitate action, or thick greasy, damp and inanimate as connected with

1. The first part of the paper is a list of names, which are written in a cursive hand. The names are arranged in a single column, and are separated by commas. The names are: John, William, James, Robert, Thomas, George, Richard, Henry, Edward, and Charles.

with passive excitement and precipitate action or
thick, grossy, damp and inanimate as connected
with a constriction and diminished energy of the capil-
lary system, calomel is sometimes given internally in great
extent, mercurial ointment being at the same time rubbed
upon the surface in great quantities, without the salivary
glands being in any degree affected by it; in other cases
the gums become spongy and lax, the breath emits the
mercurial foetor, but no change is effected in the course
of the disease, which proceeds uninterruptedly to a fatal
or favourable termination independently of the salvation
of the system with mercury. 3th In cases of slow move-
ment and protracted duration, more particularly in such
as are complicated with congestion, in the more import-
ant organs within the abdominal cavity, the internal
exhibition of mercury and the external application of it
by friction, carried to the extent of producing more cop-
ious ptyalism, has appeared to myself to be a remedy of
value, in fact to be the only remedy, especially as aimed
by

[Faint, illegible handwriting in a cursive script, likely a historical manuscript. The text is written in brown ink on aged, yellowed paper. The script is dense and fills most of the page, with some lines appearing to be crossed out or heavily faded. The left edge of the page shows the binding of the book.]

by medicated diet by friction, bathings, the occasional abstraction of blood, in small quantities with exercise by gustation, on which any dependence, for effecting a cure, or even for prolonging, of life. It appears as conducted in this manner, to operate changes on diseased organization, to lay the foundation on which such changes as leads to health may be effectually operated by other means.

As respects the foregoing remarks it may be necessary in this place to state, that the influence of climate and situation, upon the constitution of the inhabitants in different parts of the world are extremely great, and that persons of the same kind will not only require a treatment differing in degree but in kind. This we learn from the writings of medical men in different countries, as for instance the inhabitants of France, bear venesection in almost every form of fever that occur there, without injury and often with evident benefit. But in Italy it is injurious nearly in every instance. There are some constitutions, as the Germans, which Emities and other evacuations agree with

Handwritten text in a cursive script, likely a historical document or manuscript. The text is written in a single column on the right page of an open book. The script is dense and flowing, characteristic of early modern handwriting. The paper is aged and yellowed, with some visible wear and tear along the edges. The left page of the book is visible but mostly blank, showing the binding and the edges of the pages.

with, very well, while sudorifics and cordials suit best to
animate and warm the phlogistic blood under the
force of the great influence of climate and a situation
upon the inhabitants in different countries and in dif-
ferent parts of the same country, will it not be reason-
ably to suggest that in the low latitudes of the West India islands,
the disease more frequently from their character, indicate
the use of mercury, and that constitution is more susceptible
to its operation than it is in different parts of the United
States. From these circumstances it must appear, that it
is highly essential for a physician to compare the
climate and the soil of the country, in which another
has been in the habit of making his observations
with those of his own, before he submits to be governed
by his rules or advice. Unless this is done he will be at a
loss to know, whether the practice of the author that he
may have the occasion to consult, will apply to the dis-
ease when he resides or not.

In this climate intermittent fevers
are

The first of these is the fact that the
 world is a very large place, and
 there are many different kinds of
 people living in it. Some are
 very rich, and some are very
 poor. Some are very smart, and
 some are very stupid. Some are
 very kind, and some are very
 cruel. Some are very brave, and
 some are very cowardly. Some are
 very honest, and some are very
 dishonest. Some are very good, and
 some are very bad. Some are very
 beautiful, and some are very ugly.
 Some are very young, and some are
 very old. Some are very tall, and
 some are very short. Some are very
 strong, and some are very weak.
 Some are very healthy, and some are
 very sick. Some are very happy, and
 some are very sad. Some are very
 free, and some are very enslaved.
 Some are very wise, and some are
 very foolish. Some are very brave, and
 some are very cowardly. Some are
 very kind, and some are very cruel.
 Some are very honest, and some are
 very dishonest. Some are very good,
 and some are very bad. Some are
 very beautiful, and some are very
 ugly. Some are very young, and
 some are very old. Some are very
 tall, and some are very short. Some
 are very strong, and some are very
 weak. Some are very healthy, and
 some are very sick. Some are very
 happy, and some are very sad. Some
 are very free, and some are very
 enslaved. Some are very wise, and
 some are very foolish.

are seldom so obstinate as not to yield readily to remedies that are much milder in their operation and which will produce all that could be expected from the mercurials, without injuring in any degree the general system, where as none of the mercurial preparations can be administered without the risk of some consequences ensuing that could neither be expected nor intended, by the physician.

By some writers the mercurials are much praised in the treatment of typhus fever. Dr. Rush has stated that the pulse become fuller, slower, and was increased by evident amendment in the typhus mitior, on the supervision of salivation. It is also observed by Dr. Warren, that in cases of typhus when debility had become very great and in which stimulants, such as wine bark &c. had been used ineffectually, a few doses of calomel excited the system to action and the patient immediately began to recover. By Armstrong, this practice is highly extolled, particularly in the congestive form of the disease. He states that he gave it in large doses in its early stages so as to
procure

14
[Illegible handwritten text in a cursive script, likely a historical document or letter. The text is written in a single column and appears to be a continuous passage. The ink is dark, and the paper shows signs of age and wear.]

procure full abrine evacuations, and at the same time to obtain the alterative effects of the medicine as early as possible.

To doubt such authority, as the
as the above cited, may appear absurd, but it may
be said with safety, that it is a question which phy-
sicians, whether mercurial salvation ought now to be
attempted in typhus fever. For experience teaches
that, until the violence of the fever is subdued,
either by the progress of the disease, or by the aid
of some other remedy, it is found totally imprac-
ticable to produce any such effects, of the remedy.

This objection might be urged against the use
of those medicines in all fevers where there is
much derangement in the action of the heart
and arteries, whether they be of an intermittent
or of a continued type. It has been
remarked by ^{high} authority that as a general rule,
an attempt should only be made to mercurial-
ize

1. The first part of the paper is a list of the names of the persons who have been elected to the office of the President of the United States, and the names of the persons who have been elected to the office of the Vice President of the United States.

ize the system in those fevers of a remittent form
and which are symptomatic of local inflam-
mation, and in such cases of those only, are
protracted or dangerous after liberal depletion.

There is in general connected with the remittent
fevers, in many sections of the United States a morbid
condition of the biliary secretions and not unfre-
quently symptoms of local inflammation, which
are independent of the existing fever, here the
use of mercury is not only called for, but when
the circulating system has been moderated, and
by the mercury waxes, the secretions are all found
in general the remission of the fever, will be suf-
ficient to influence the action of the medicines
with the happiest effects.

[The page contains faint, illegible handwriting, likely bleed-through from the reverse side.]